

### Abstract

Companies and other organizations store extensive datasets having overlapping data contents in different data base systems whose data base structures are incompatible with one another. The invention is concerned with the integration of such structurally incompatible data base systems, in particular with the data interchange between such systems. Various procedures are proposed which serve the purpose of combining such data base systems together such that problem-free data interchange is possible in both directions. In particular, the invention allows data shared across the system to be entered and changed in the different systems.